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September 7, 2000

ATTORNEY DOCKET NO.: 08038.0019

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

New U.S. Patent Application

Title: DEVICE AND METHOD FOR PLASMA PROCESSING
being a Continuation of PCT International Application No. PCT/JP99/03442,
filed June 28, 1999.

Inventor: Hideaki AMANO

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office under 35 U.S.C. 111(a) as a **Continuation** application of PCT International Application No. PCT/JP99/03442, filed June 28, 1999, which claimed priority of Japanese Patent Application No. 1998-201286, filed June 30, 1998.

The application, which is not in the English language is enclosed, for filing in the United States Patent and Trademark Office in connection with the above-referenced application in accordance with 37 C.F.R. §1.52(d) and §608.01 of the MPEP, Filing of Non-English Language Applications:

1. A check for \$730.00 representing a \$690.00 filing fee and \$40.00 for recording the Assignment.
2. Non-English Application - 12 pages, including 1 independent claim and 8 claims total.
3. Drawings - 6 sheets of drawings containing 8 figures.

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.
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4. Declaration and Power of Attorney.
5. Recordation Form Cover Sheet and Assignment to TOKYO ELECTRON LIMITED.
6. Information Disclosure Statement and Information Disclosure Citation, PTO 1449 with cited documents attached.

Applicant claims the right to priority based on Japanese Patent Application No. 1998-201286, filed June 30, 1998.

An English translation of the non-English language papers will be filed in the U.S. Patent and Trademark Office within the required time period.

Please accord this application a serial number and filing date and record and return the Assignment to the undersigned.

The Commissioner is hereby authorized to charge any additional filing fees due and any other fees due under 37 C.F.R. § 1.16 or § 1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

By:



David W. Hill

Reg. No. 28,220

ERNEST F. CHAPMAN
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DWH/FPD/rgm
Enclosures

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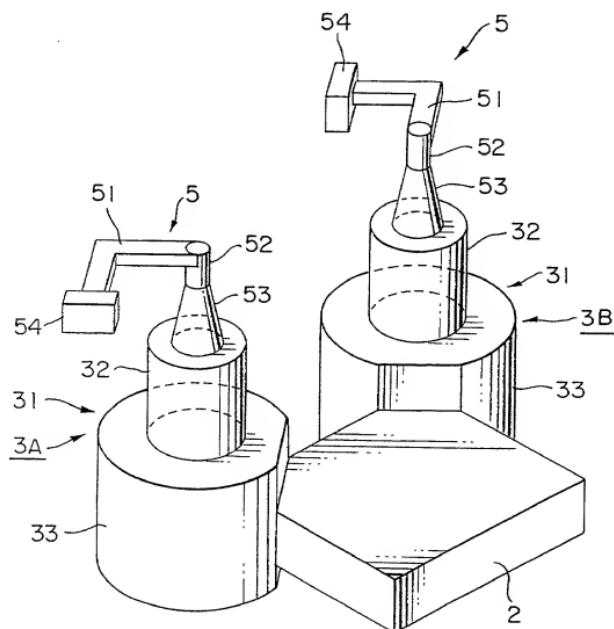


FIG. 1

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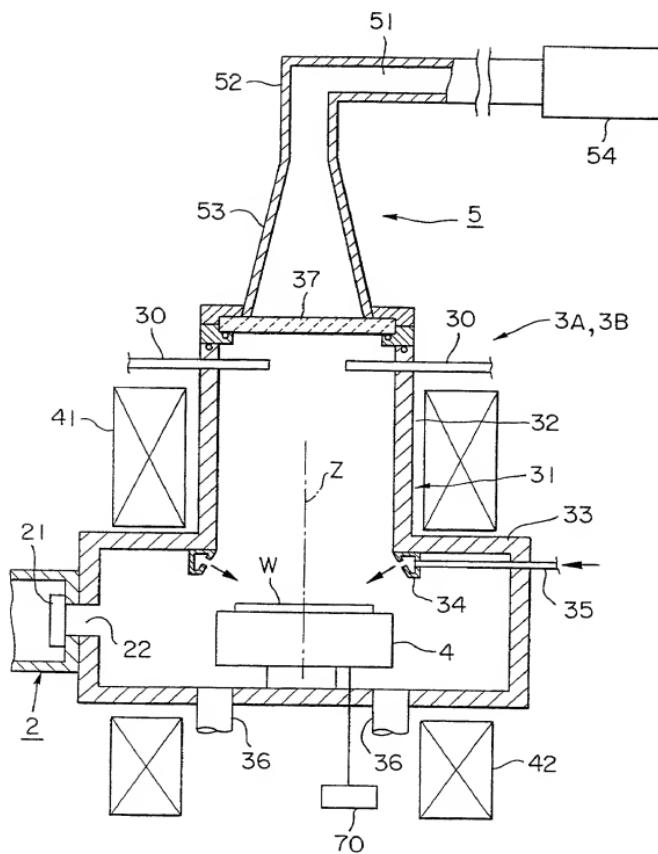


FIG. 2

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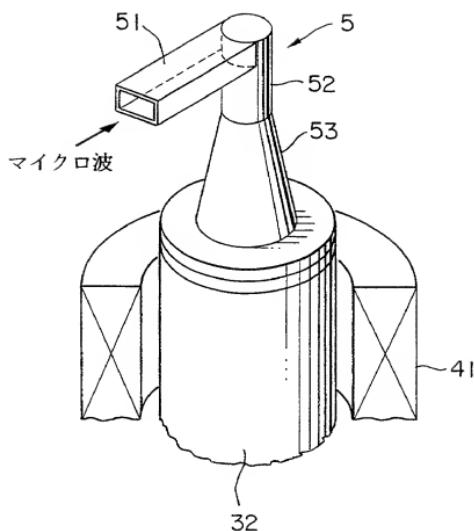


FIG. 3

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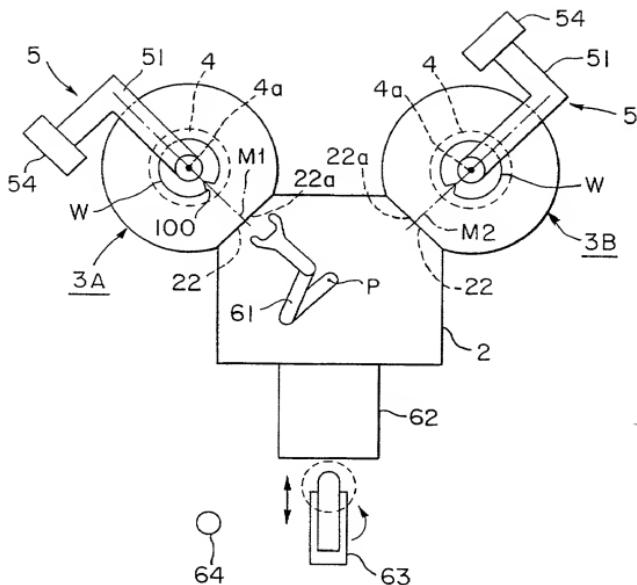


FIG. 4

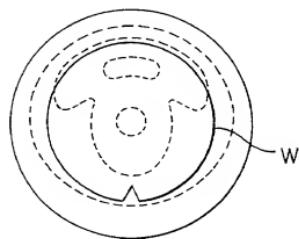


FIG. 5

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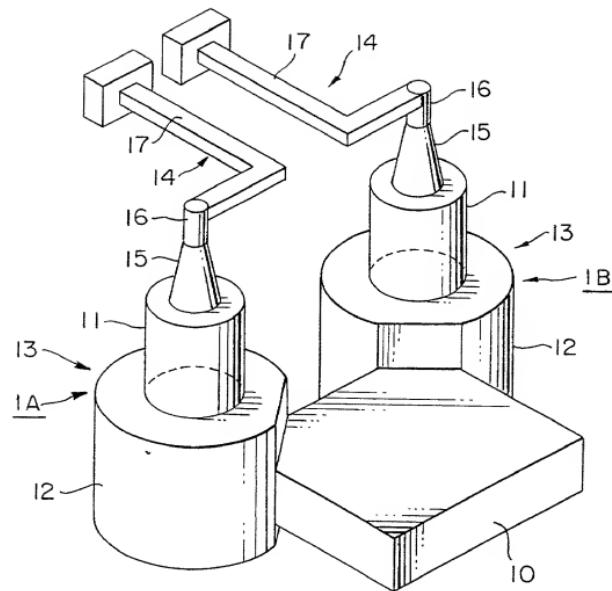


FIG. 6

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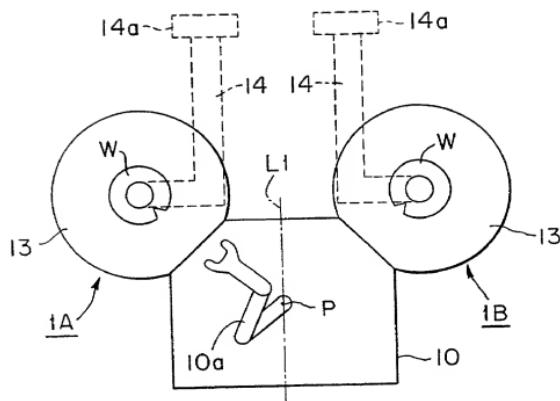


FIG. 7

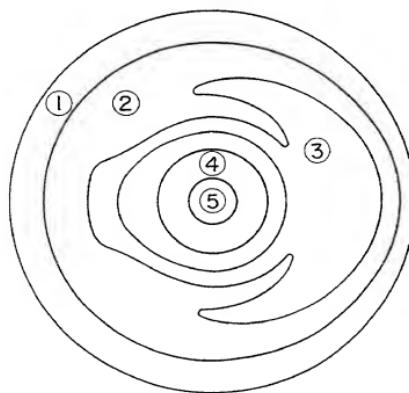


FIG. 8

Attorney's Ref. No.:**Declaration and Power of Attorney For Patent Application**

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

私は、以下に記名された発明者として、ここに下記の通り宣言する：

私の住所、郵便の宛先そして国籍は、私の氏名の後に記載された通りである。

下記の名称の発明について特許請求範囲に記載され、且つ特許が求められている発明主題に関する、私が最初、最先且つ唯一の発明者である（唯一の氏名が記載されている場合）か、或いは最初、最先且つ共同発明者である（複数の氏名が記載されている場合）と信じている。

プラズマ処理装置およびプラズマ処理方法

上記発明の明細書はここに添付されているが、下記の欄がチェックされている場合は、この限りでない：

_____に提出され、米国出願番号または
特許協定条約 国際出願番号を _____ とし、
(該当する場合) _____ に訂正されました。

私は、上記の補正書によって補正された、特許請求範囲を含む上記明細書を検討し、且つ内容を理解していることをここに表明する。

私は、連邦規則法典第37編規則1.56に定義されている、特許性について重要な情報を開示する義務があることを認める。

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

DEVICE AND METHOD FOR PLASMA PROCESSING

the specification of which is attached hereto unless the following box is checked:

was filed on June 28, 1999
as United States Application Number or
PCT International Application Number
PCT/JP99/03442 and was amended on
January 31, 2000 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

Japanese Language Declaration (日本語宣言書)

私は、ここに、以下に記載した外国での特許出願または発明者証の出願、或いは米国以外の少なくとも一国を指定している米国法典第35編第3 6 5条(a)によるPCT国際出願について、同第119条(a)-(d)項又は第3 6 5条(b)項に基づいて優先権を主張するとともに、優先権を主張する本出願の出願日よりも前の出願日を有する外国での特許出願または発明者証の出願、或いはPCT国際出願については、いかなる出願も、下記の枠内をチェックすることにより示した。

Prior Foreign Application(s)

外国での先行出願

<u>1998-201286</u>	<u>Japan</u>	<u>30/June/1998</u>	<input type="checkbox"/>
(Number) (番号)	(Country) (国名)	(Day/Month/Year Filed) (出願年月日)	<input type="checkbox"/>
<u>Japan</u>			<input type="checkbox"/>
(Number) (番号)	(Country) (国名)	(Day/Month/Year Filed) (出願年月日)	<input type="checkbox"/>

私は、ここに、下記のいかなる米国特許出願についても、その米国法典第3 5編第1 1 9条(e)項の利益を主張する。

<u>(Application No.)</u>	<u>(Filing Date)</u>
(出願番号)	(出願日)

私は、ここに、下記のいかなる米国出願についても、その米国法典第3 5編第1 2 0条に基づく利益を主張し、又米国を指定するいかなるPCT国際出願についても、その同第3 6 5条(c)に基づく利益を主張する。また、本出願の各特許請求の範囲の主題が米国法典第3 5編第1 1 2条第1段に規定された態様で、先行する米国特許出願又はPCT国際出願に開示されていない場合においては、その先行出願の出願日と日本国内出願日またはPCT国際出願日との間の期間中に入手された情報で、速邦規則法典第3 7編規則1. 5. 6に定義された特許性に関わる重要な情報について開示義務があることを承認する。

<u>PCT/JP99/03442</u>	<u>June 28, 1999</u>
(Application No.) (出願番号)	(Filing Date) (出願日)

<u>(Application No.)</u>	<u>(Filing Date)</u>
(出願番号)	(出願日)

私は、ここに表明された私自身の知識に係わる陳述が真実であり、且つ情報と信ずることに基づく陳述が、真実であると信じらるべきことを宣言し、さらに、故意に虚偽の陳述などを行った場合は、米国法典第1 8編第1 0 0 1条に基づき、罰金または拘禁、若しくはその両方により処罰され、またそのような故意による虚偽の陳述は、本出願またはそれに対して発行されるいかなる特許も、その有効性に問題が生じることを理解した上で陳述が行われたことを、ここに宣言する。

I hereby claim foreign priority under Title 35, United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Not Claimed
優先権主張なし

I hereby claim the benefit under Title 35, United States Code, Section 119 (e) of any United States provisional application(s) listed below.

<u>(Application No.)</u>	<u>(Filing Date)</u>
(出願番号)	(出願日)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365 (c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application:

<u>Pending</u>
(Status: Patented, Pending, Abandoned) (現況: 特許可済、係属中、放棄済)

<u>(Status: Patented, Pending, Abandoned)</u> (現況: 特許可済、係属中、放棄済)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Japanese Language Declaration

(日本語宣言書)

委任状： 私は本出願を審査する手続を行い、且つ米国特許商標庁との全ての業務を遂行するために、記名された発明者として、下記の弁護士及び／または弁理士を任命する。（氏名及び登録番号を記載すること）

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Albert J. Santorelli, Reg. 22,610; Michael C. Elmer, Reg. 25,857; Richard H. Smith, Reg. 20,609; Stephen L. Peterson, Reg. 26,325; John M. Romary, Reg. 26,331; Bruce C. Zottler, Reg. 27,680; Dennis P. O'Reilly, Reg. 27,932; Allen M. Sokal, Reg. 26,695; Robert D. Bajefsky, Reg. 25,387; Richard L. Stroup, Reg. 28,478;

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書類送付先：

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (*list name and registration number*)

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Full name of sole or first inventor

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Hideaki AMANO

発明者の署名

日付

Inventor's signature

Date

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第二共同発明者

Full name of second joint inventor, if any

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Second inventor's signature

Date

住所

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, Japan

国籍

Citizenship

日本

Japan

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Post Office Address

（第三以降の共同発明者についても同様に記載し、署名をすること）

(Supply similar information and signature for third and subsequent joint inventors)